**By using this library, you can get the current location of the user in an easier way**.

**USAGE:**

**Step 1:**

Add jitpack in your build.gradle(Project: Example)

**allprojects {**

**repositories {**

**maven { url 'https://jitpack.io' }**

**}**

**}**

Add this line in your build.gradle(Module: app)

**dependencies {**

**implementation 'com.github.junaidkhan2857:GetCurrentLocation:Tag'**

**}**

After that press sync now so you can download the library in your project.

**Step 2:**

Now you need to download the google places library for getting the location

implementation 'com.google.android.libraries.places:places:2.3.0'

Again press sync now

**Step 3:**

Now you need to create a location callback so you can check get the location of the user

private LocationCallback locationCallback = new LocationCallback() {  
 @Override  
 public void onLocationResult(LocationResult locationResult) {  
  
 currentLatitude = locationResult.getLastLocation().getLatitude();  
 currentLongitude = locationResult.getLastLocation().getLongitude();  
  
  
 Log.*i*("MainActivity", "latitude : " + currentLatitude + " longitude : " + currentLongitude);  
  
 }  
};

**Step 4:**

You need to override two methods onActivityResult and onRequestPermissions like this

@Override  
protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {  
 super.onActivityResult(requestCode, resultCode, data);  
  
 if (requestCode == 2857) {  
 switch (resultCode) {  
 case Activity.*RESULT\_OK*:  
  
 GetCurrentLocation.*requestNewLocation*();  
  
 break;  
 case Activity.*RESULT\_CANCELED*:  
  
 Toast.*makeText*(this, "You need to enable the location services", Toast.*LENGTH\_SHORT*).show();  
  
 break;  
 default:  
 break;  
 }  
 }  
}

@Override  
public void onRequestPermissionsResult(int requestCode, @NonNull String[] permissions, @NonNull int[] grantResults) {  
 super.onRequestPermissionsResult(requestCode, permissions, grantResults);  
  
 if (requestCode == 44) {  
  
 if (grantResults.length > 0 && grantResults[0] == PackageManager.*PERMISSION\_GRANTED*) {  
  
 if (GetCurrentLocation.*isLocationEnabled*()) {  
  
 GetCurrentLocation.*requestNewLocation*();  
  
 } else {  
  
 GetCurrentLocation.*enableLocationSettings*();  
  
 }  
  
 }  
 }  
}

**Step 5:**

You need to type these two lines in the onCreate method.

GetCurrentLocation.*initFusedProvider*(this);  
GetCurrentLocation.*getCurrentLocation*(this, this, 0, 1000, 1000, locationCallback);

The parameters are as follows:

GetCurrentLocation.initFusedProvider(YourActivityName.this);

GetCurrentLocation.getCurrentLocation(YOUR\_CONTEXT\_HERE..this, YOUR\_ACTIVITY\_NAME\_HERE.this, NUM\_OF\_UPDATES, SET\_INTERVAL, SET\_FASTEST\_INTERVAL, locationCallback);

Set NUM\_OF\_UPDATES = 0 if you want to get undefined updates of the location.